

## Cassandra Bergstrom

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**From:** Derek J. Robbins  
**Sent:** Friday, October 03, 2014 5:45 PM  
**To:** Jon Holan; Daniel Riordan  
**Subject:** FW: Forest Grove Water Master Plan - Purdin Road URA Pipe Size

Hello Jon & Dan,

Important Water Pipe Size/Capacity information below to consider for the Purdin Road Area.  
Can you please make sure this is relayed to your consultant.

**Derek J. Robbins, PE**  
**[djrobbins@forestgrove-or.gov](mailto:djrobbins@forestgrove-or.gov)**

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**From:** Igloria, Ronan V. [<mailto:Ronan.Igloria@hdrinc.com>]  
**Sent:** Friday, October 03, 2014 4:31 PM  
**To:** Derek J. Robbins  
**Cc:** Nick Kelsay; Tamura, Lisa  
**Subject:** RE: Forest Grove Water Master Plan - Purdin Road URA Pipe Size

Hi Derek – Lisa had a chance to look at the model regarding your question (she got stuck in Memphis with flight problems!). You're right that we looked at an extension to the URA, but we looked at it for a long-range scenario. The model evaluated the Purdin Rd pipe as a future scenario (2050) with the following settings:

- Scenario evaluated 2050 maximum day demand (+ fire flow)
- Demand (at end of pipe) is 229 gpm (0.33 mgd)
- 8 inch diameter pipe (2,710 ft in length). Pipe extends north from intersection of B St and Hartford Dr.

Thanks.  
Ronan

Ronan Igloria, PE, CWRE  
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**From:** Derek J. Robbins [<mailto:djrobbins@forestgrove-or.gov>]  
**Sent:** Wednesday, October 01, 2014 2:00 PM  
**To:** Igloria, Ronan V.  
**Cc:** Nick Kelsay  
**Subject:** RE: Forest Grove Water Master Plan - Purdin Road URA Pipe Size

Thanks for looking into this Ronan.  
It does appear from the model run scenario print outs there is an extension from B St north to the URA.

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**From:** Igloria, Ronan V. [<mailto:Ronan.Igloria@hdrinc.com>]  
**Sent:** Wednesday, October 01, 2014 1:51 PM  
**To:** Derek J. Robbins  
**Cc:** Nick Kelsay  
**Subject:** RE: Forest Grove Water Master Plan - Purdin Road URA Pipe Size

Hi Derek – I'm hoping to get back with you on this tomorrow. Both Tracy and Lisa are out today and I need to have them unarchive the model to confirm how we set up the pipe in the model. I recall we assigned a demand node to represent the growth area, but not sure if we went as far as to model the actual pipe extension into the URA.

Thanks.  
Ronan

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**From:** Derek J. Robbins [<mailto:djrobbins@forestgrove-or.gov>]  
**Sent:** Wednesday, October 01, 2014 9:19 AM  
**To:** Igloria, Ronan V.  
**Cc:** Nick Kelsay  
**Subject:** Forest Grove Water Master Plan - Purdin Road URA Pipe Size

Hello Ronan,  
We are doing some planning work in the Purdin Road URA area and I could not find the assumed pipe extension size in your model to serve that area.  
Can you please give us the size.

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